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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

12-30-2020

2020-12-30_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Cumulative Michigan COVID-19 Data. 245.

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Coronavirus

MI SAFE START

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RESOURCES

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CORONAVIRUS / MICHIGAN DATA

Michigan Data

HOSPITALS

LONG TERM CARE FACILITIES

CORONAVIRUS SYMPTOMS

CUMULATIVE RECOVERED

OUTBREAK REPORTING

SCHOOL-RELATED OUTBREAK REPORTING

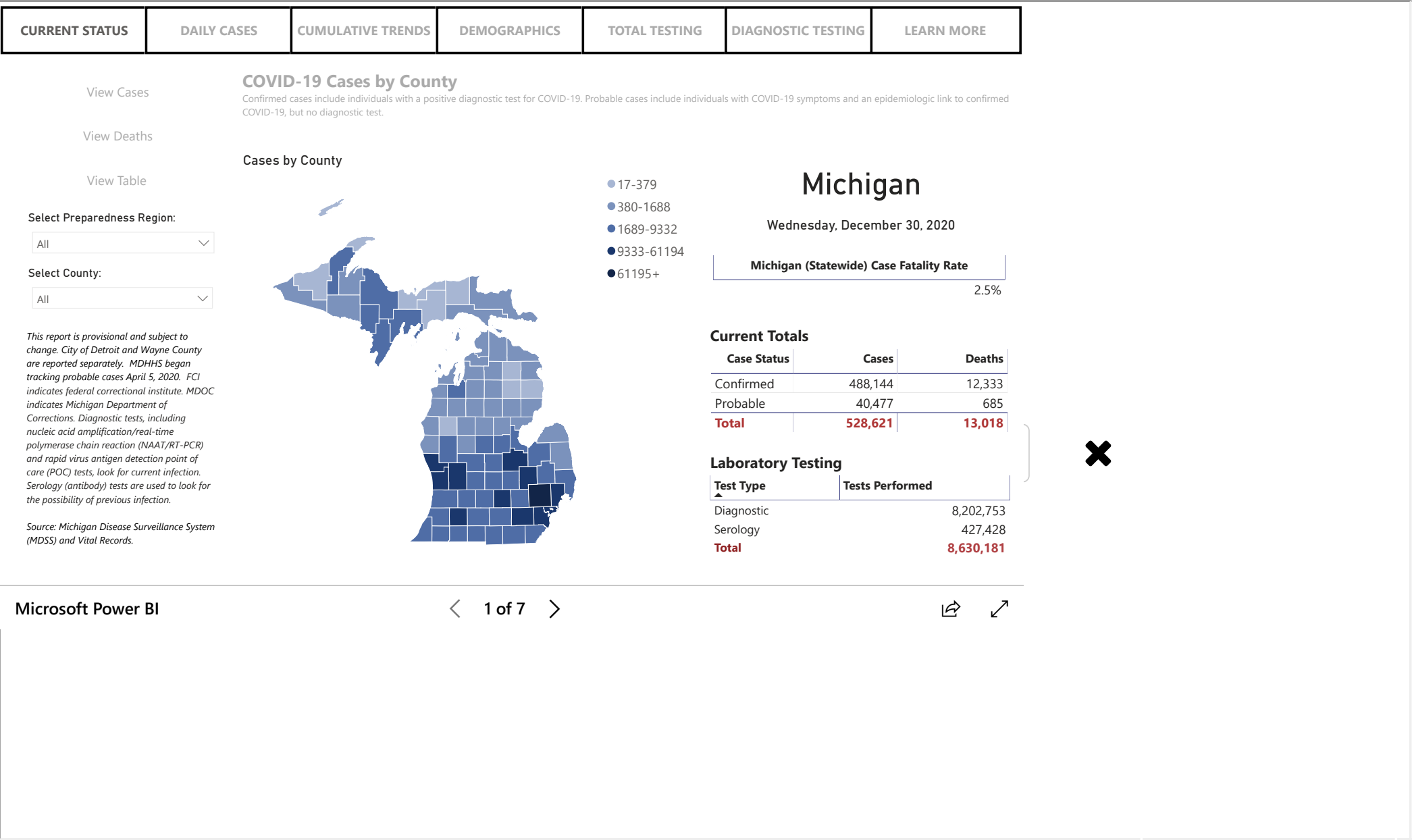
WASTEWATER SURVEILLANCE

TESTING TURNAROUND TIME

MIS-C DATA AND REPORTING

Note: Data will be updated on 12/30 and 1/2. It will not be updated on 12/31 or 1/1 due to the holiday.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.



- [December 22, 2020 slide deck.](#) View a live presentation of the Dec. 22 data.
- [December 15, 2020 slide deck.](#)
- [December 8, 2020 slide deck.](#) View a live presentation of the Dec. 8 data.
- [December 1, 2020 slide deck.](#)
- [November 24, 2020 slide deck.](#)
- [November 18, 2020 slide deck.](#) View a live presentation of the Nov. 18 data.

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	5.59%	2.85%
Non-Hispanic Latino	68.39%	83.74%
Unknown	26.02%	13.41%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	2.87%	1.74%
Non-Arab	48.70%	53.66%
Unknown	48.43%	44.60%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 12/30/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 12/23/2020): **318,389**

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on December 23, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to November 23, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records



MICHIGAN.GOV HOME
ADA
MICHIGAN NEWS
POLICIES



Have questions?
Chat with Robin

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All



Select County:

All



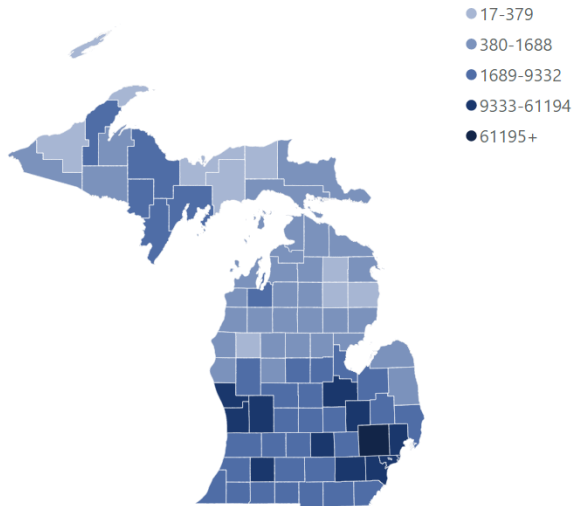
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County



Michigan

Wednesday, December 30, 2020

Michigan (Statewide) Case Fatality Rate

2.5%

Current Totals

Case Status	Cases	Deaths
Confirmed	488,144	12,333
Probable	40,477	685
Total	528,621	13,018

Laboratory Testing

Test Type	Tests Performed
Diagnostic	8,202,753
Serology	427,428
Total	8,630,181

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

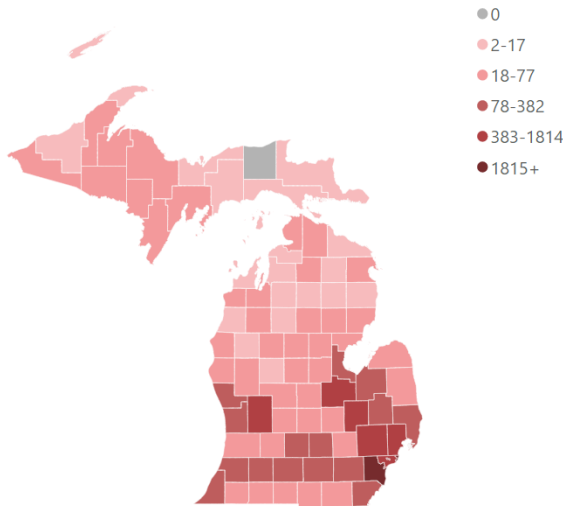
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID indicated on their death certificate, but have not had a positive diagnostic test.

Deaths by County



Michigan

Wednesday, December 30, 2020

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Test Type	Tests Performed
Diagnostic	8,202,753
Serology	427,428
Total	8,630,181

Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive diagnostic test for COVID-19 by the date of the onset of their symptoms.

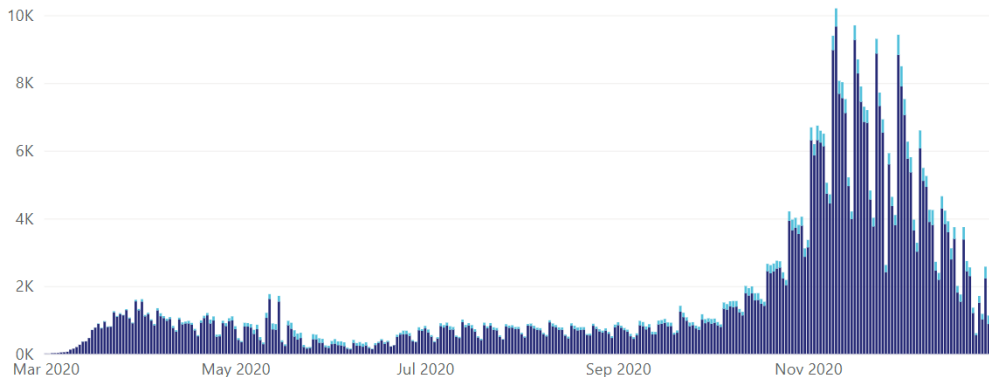
Filter by Date:

3/1/2020

12/30/2020

Cases by Date of Onset

Case Status ● Confirmed ● Probable



Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Deaths by Status

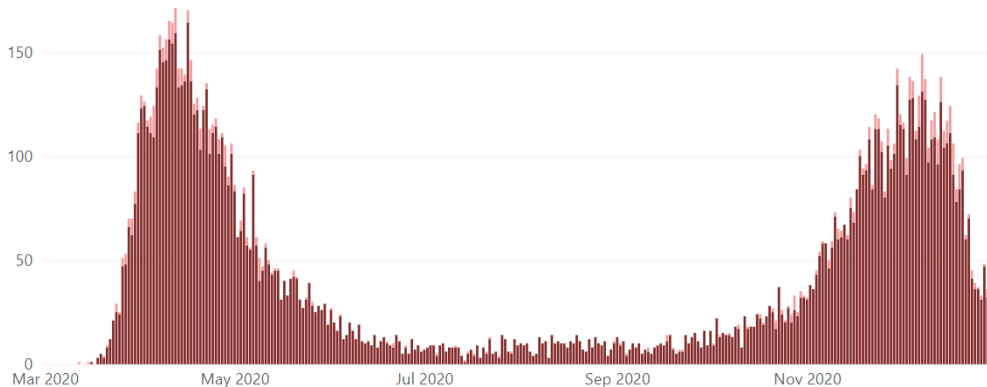
Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

Filter by Date:

3/1/2020

12/30/2020

Deaths by Date of Death

Case Status ● Confirmed ● Probable

View Table

View Chart

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive diagnostic test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

12/30/2020

Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Confirmed Cases ● Deaths

0.5M

0.4M

0.3M

0.2M

0.1M

0.0M

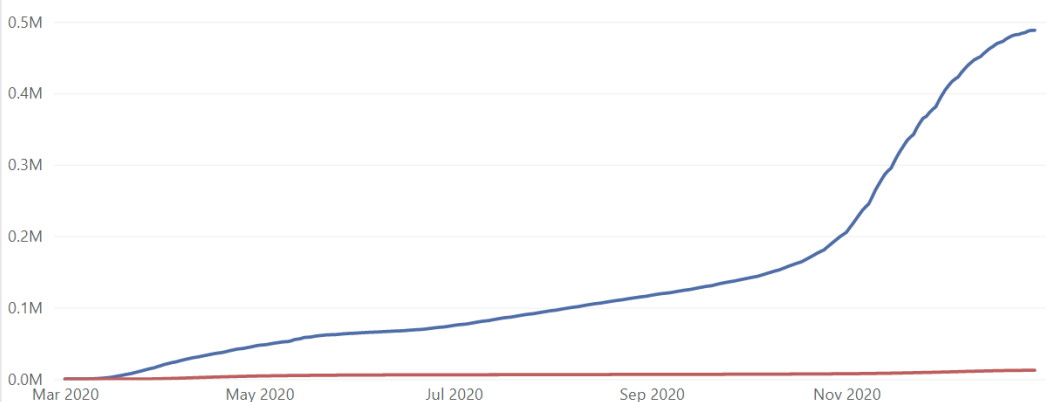
Mar 2020

May 2020

Jul 2020

Sep 2020

Nov 2020



Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

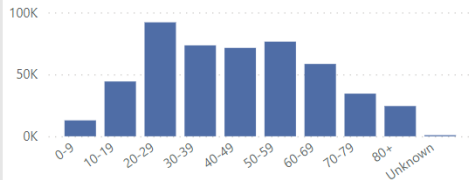
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All

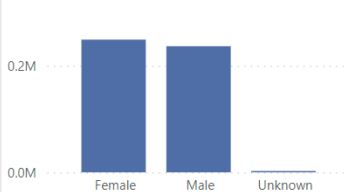
Select county:

All

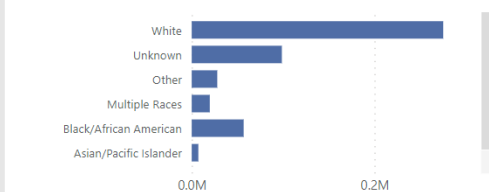
Cases by Age Group



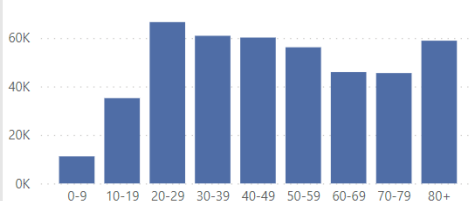
Cases by Sex



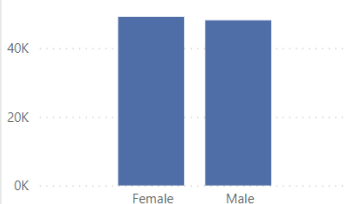
Cases by Race



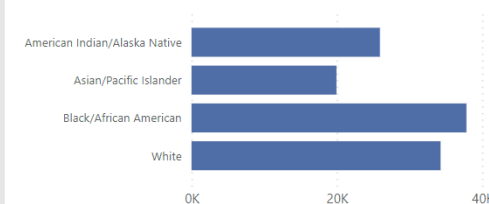
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Cases by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

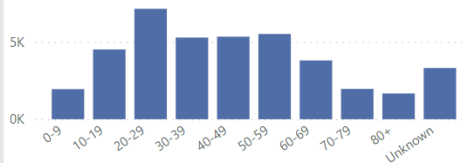
Select Preparedness Region:

All

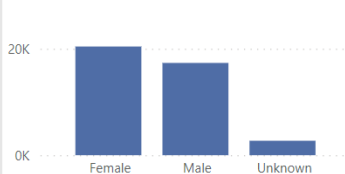
Select county:

All

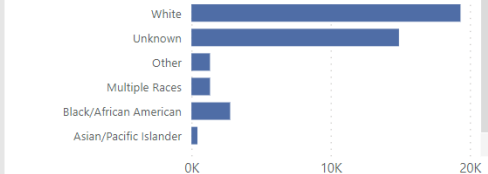
Cases by Age Group



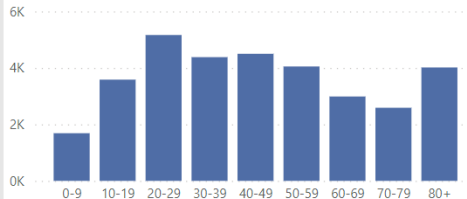
Cases by Sex



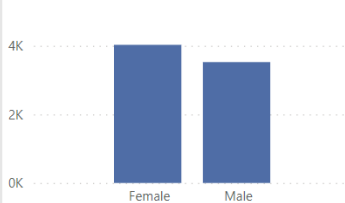
Cases by Race



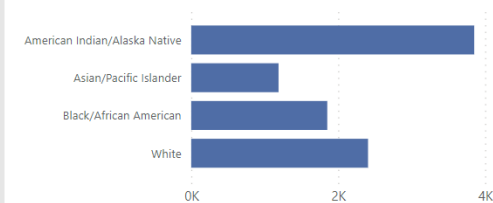
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Deaths by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☒ Confirmed
- ☐ Probable

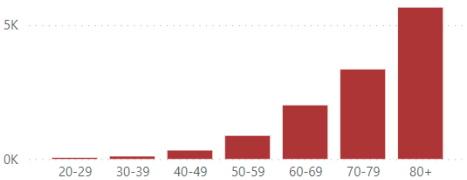
Select Preparedness Region:

All

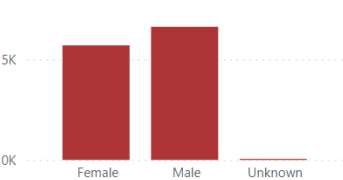
Select county:

All

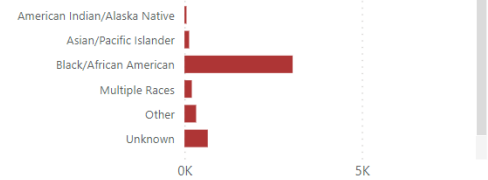
Deaths by Age Group



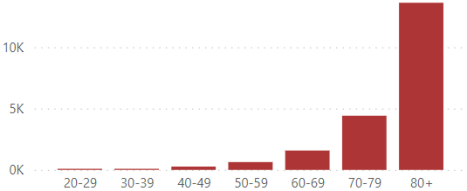
Deaths by Sex



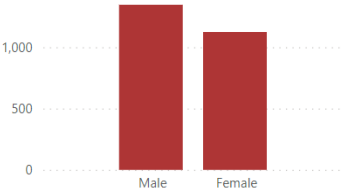
Deaths by Race



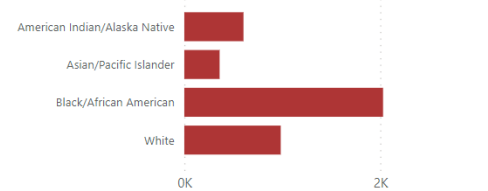
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



Deaths by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

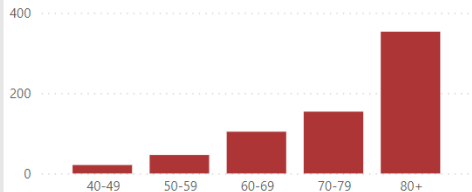
Select Preparedness Region:

All

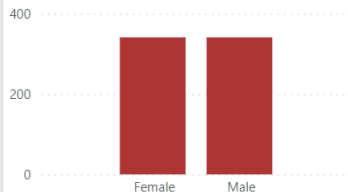
Select county:

All

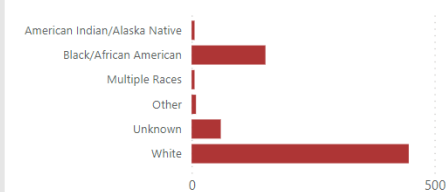
Deaths by Age Group



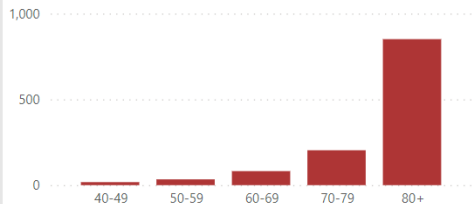
Deaths by Sex



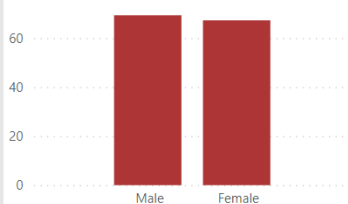
Deaths by Race



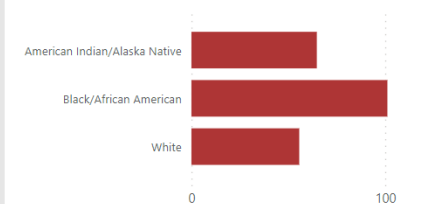
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



View Table

View Charts

Select Preparedness Region:

All

Select County:

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Total Covid-19 Laboratory Tests

Total testing includes both diagnostic tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to Covid-19.

Filter by Date:

3/10/2020

12/29/2020

Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

100K

50K

0K

May 2020

Jul 2020

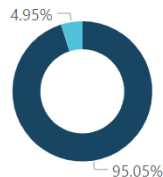
Sep 2020

Nov 2020

Total Tests Completed to Date

Test Type	Count	Tests per Million Residents
Diagnostic	8,202,753	821,004
Serology	427,428	42,781
Total	8,630,181	863,784

Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology

[View Table](#)[View Charts](#)

Select Preparedness Region

All



Select County

All



Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests. Diagnostic tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

Diagnostic Covid-19 Laboratory Tests

Diagnostic tests are used to determine if an individual is currently infected with Covid-19.

Filter by Date

3/10/2020

12/29/2020

Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive

100K

50K

0K

May 2020

Jul 2020

Sep 2020

Nov 2020

Percent of Diagnostic Tests That Were Positive

Positivity

60%

40%

20%

0%

May 2020

Jul 2020

Sep 2020

Nov 2020

Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

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Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-12-30

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/12/30 14:23:23	Alcona	280	11	56	3
2020/12/30 14:23:23	Alger	190	1	129	1
2020/12/30 14:23:23	Allegan	5260	52	498	14
2020/12/30 14:23:23	Alpena	985	25	157	1
2020/12/30 14:23:23	Antrim	529	9	89	0
2020/12/30 14:23:23	Arenac	542	24	55	0
2020/12/30 14:23:23	Baraga	459	28	86	0
2020/12/30 14:23:23	Barry	2752	32	216	2
2020/12/30 14:23:23	Bay	5980	187	239	0
2020/12/30 14:23:23	Benzie	564	25	94	1
2020/12/30 14:23:23	Berrien	8628	174	590	15
2020/12/30 14:23:23	Branch	2802	64	268	4
2020/12/30 14:23:23	Calhoun	6864	176	938	13
2020/12/30 14:23:23	Cass	2930	43	264	2
2020/12/30 14:23:23	Charlevoix	722	10	127	0
2020/12/30 14:23:23	Cheboygan	622	33	115	0
2020/12/30 14:23:23	Chippewa	556	12	829	2
2020/12/30 14:23:23	Clare	1088	41	136	0
2020/12/30 14:23:23	Clinton	3649	40	230	0
2020/12/30 14:23:23	Crawford	433	6	24	0
2020/12/30 14:23:23	Delta	2474	60	415	17
2020/12/30 14:23:23	Dickinson	1986	54	188	14
2020/12/30 14:23:23	Eaton	4391	86	276	2
2020/12/30 14:23:23	Emmet	1058	33	149	0
2020/12/30 14:23:23	Genesee	18739	558	2880	38
2020/12/30 14:23:23	Gladwin	1024	29	160	3
2020/12/30 14:23:23	Gogebic	708	15	294	23
2020/12/30 14:23:23	Grand Traverse	2744	43	271	3
2020/12/30 14:23:23	Gratiot	2246	69	171	0
2020/12/30 14:23:23	Hillsdale	2390	55	198	2
2020/12/30 14:23:23	Houghton	1582	25	392	7
2020/12/30 14:23:23	Huron	1321	41	202	1
2020/12/30 14:23:23	Ingham	12322	182	313	2
2020/12/30 14:23:23	Ionia	3323	42	70	1
2020/12/30 14:23:23	Iosco	982	45	122	1
2020/12/30 14:23:23	Iron	769	32	44	5
2020/12/30 14:23:23	Isabella	3085	42	341	0
2020/12/30 14:23:23	Jackson	7490	152	185	2
2020/12/30 14:23:23	Kalamazoo	10745	214	1487	26
2020/12/30 14:23:23	Kalkaska	458	12	33	0
2020/12/30 14:23:23	Kent	40960	507	2314	36
2020/12/30 14:23:23	Keweenaw	67	1	15	1
2020/12/30 14:23:23	Lake	289	8	15	1
2020/12/30 14:23:23	Lapeer	3584	100	439	1
2020/12/30 14:23:23	Leelanau	553	7	73	0
2020/12/30 14:23:23	Lenawee	4071	58	136	3
2020/12/30 14:23:23	Livingston	7155	70	670	3

2020/12/30 14:23:23	Luce	127	0	65	0
2020/12/30 14:23:23	Mackinac	260	2	120	0
2020/12/30 14:23:23	Macomb	47317	1524	2156	77
2020/12/30 14:23:23	Manistee	569	14	22	1
2020/12/30 14:23:23	Marquette	3139	51	418	1
2020/12/30 14:23:23	Mason	907	19	72	0
2020/12/30 14:23:23	Mecosta	1575	14	76	0
2020/12/30 14:23:23	Menominee	1451	25	238	0
2020/12/30 14:23:23	Midland	3486	42	525	2
2020/12/30 14:23:23	Missaukee	421	8	58	0
2020/12/30 14:23:23	Monroe	6900	139	695	10
2020/12/30 14:23:23	Montcalm	2773	64	159	1
2020/12/30 14:23:23	Montmorency	246	8	40	1
2020/12/30 14:23:23	Muskegon	9151	256	182	4
2020/12/30 14:23:23	Newaygo	2166	32	87	1
2020/12/30 14:23:23	Oakland	53956	1563	7239	73
2020/12/30 14:23:23	Oceana	1549	43	56	0
2020/12/30 14:23:23	Ogemaw	798	29	123	1
2020/12/30 14:23:23	Ontonagon	277	15	29	1
2020/12/30 14:23:23	Osceola	733	18	108	0
2020/12/30 14:23:23	Oscoda	261	15	47	0
2020/12/30 14:23:23	Otsego	874	19	141	3
2020/12/30 14:23:23	Ottawa	17491	246	984	26
2020/12/30 14:23:23	Presque Isle	476	8	54	1
2020/12/30 14:23:23	Roscommon	850	27	113	0
2020/12/30 14:23:23	Saginaw	11798	375	538	8
2020/12/30 14:23:23	Sanilac	1406	56	91	1
2020/12/30 14:23:23	Schoolcraft	210	3	19	1
2020/12/30 14:23:23	Shiawassee	2863	57	91	1
2020/12/30 14:23:23	St Clair	6086	151	940	7
2020/12/30 14:23:23	St Joseph	3234	46	350	4
2020/12/30 14:23:23	Tuscola	2299	85	338	4
2020/12/30 14:23:23	Van Buren	3821	72	223	6
2020/12/30 14:23:23	Washtenaw	12523	187	1179	6
2020/12/30 14:23:23	Wayne	54152	1741	3413	74
2020/12/30 14:23:23	Wexford	945	18	45	0
2020/12/30 14:23:23	MDOC	20363	123	618	1
2020/12/30 14:23:23	FCI	284	5	5	0
2020/12/30 14:23:23	Out-of-State	2439	9	51	1
2020/12/30 14:23:23	Unknown	4	0	13	0
2020/12/30 14:23:23	Detroit City	25613	1691	1763	118

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-12-30

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	58	0
Confirmed	10-19	American Indian/Alaska Native	Female	148	0
Confirmed	20-29	American Indian/Alaska Native	Female	273	0
Confirmed	30-39	American Indian/Alaska Native	Female	210	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	183	0
Confirmed	50-59	American Indian/Alaska Native	Female	184	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Female	123	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	78	9
Confirmed	80+	American Indian/Alaska Native	Female	27	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	116	0
Confirmed	10-19	Asian/Pacific Islander	Female	362	0
Confirmed	20-29	Asian/Pacific Islander	Female	790	0
Confirmed	30-39	Asian/Pacific Islander	Female	689	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Female	608	0
Confirmed	50-59	Asian/Pacific Islander	Female	541	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	318	7
Confirmed	70-79	Asian/Pacific Islander	Female	144	14
Confirmed	80+	Asian/Pacific Islander	Female	109	32
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	639	Suppressed
Confirmed	10-19	Black/African American	Female	1732	Suppressed
Confirmed	20-29	Black/African American	Female	5024	9
Confirmed	30-39	Black/African American	Female	4613	13
Confirmed	40-49	Black/African American	Female	4101	60
Confirmed	50-59	Black/African American	Female	3829	134
Confirmed	60-69	Black/African American	Female	3360	280
Confirmed	70-79	Black/African American	Female	2054	378
Confirmed	80+	Black/African American	Female	1483	516
Confirmed	Unknown	Black/African American	Female	14	0
Confirmed	0-9	Multiple Races	Female	363	0
Confirmed	10-19	Multiple Races	Female	1212	Suppressed
Confirmed	20-29	Multiple Races	Female	2049	0
Confirmed	30-39	Multiple Races	Female	1489	0
Confirmed	40-49	Multiple Races	Female	1577	Suppressed
Confirmed	50-59	Multiple Races	Female	1638	8
Confirmed	60-69	Multiple Races	Female	1204	7
Confirmed	70-79	Multiple Races	Female	682	23
Confirmed	80+	Multiple Races	Female	473	52
Confirmed	Unknown	Multiple Races	Female	8	0
Confirmed	0-9	Other	Female	579	0
Confirmed	10-19	Other	Female	1617	0
Confirmed	20-29	Other	Female	3071	0
Confirmed	30-39	Other	Female	2322	Suppressed
Confirmed	40-49	Other	Female	2218	Suppressed
Confirmed	50-59	Other	Female	1715	11
Confirmed	60-69	Other	Female	1052	23

Confirmed	70-79	Other	Female	582	36
Confirmed	80+	Other	Female	425	69
Confirmed	Unknown	Other	Female	9	0
Confirmed	0-9	Unknown	Female	1062	0
Confirmed	10-19	Unknown	Female	4086	0
Confirmed	20-29	Unknown	Female	9796	Suppressed
Confirmed	30-39	Unknown	Female	7908	0
Confirmed	40-49	Unknown	Female	8163	7
Confirmed	50-59	Unknown	Female	8675	15
Confirmed	60-69	Unknown	Female	5271	45
Confirmed	70-79	Unknown	Female	2469	62
Confirmed	80+	Unknown	Female	2072	181
Confirmed	Unknown	Unknown	Female	103	0
Confirmed	0-9	White	Female	3349	0
Confirmed	10-19	White	Female	13826	0
Confirmed	20-29	White	Female	26668	8
Confirmed	30-39	White	Female	19446	14
Confirmed	40-49	White	Female	19350	42
Confirmed	50-59	White	Female	21559	141
Confirmed	60-69	White	Female	17434	395
Confirmed	70-79	White	Female	11301	824
Confirmed	80+	White	Female	10283	2254
Confirmed	Unknown	White	Female	74	0
Confirmed	0-9	American Indian/Alaska Native	Male	47	0
Confirmed	10-19	American Indian/Alaska Native	Male	114	0
Confirmed	20-29	American Indian/Alaska Native	Male	201	0
Confirmed	30-39	American Indian/Alaska Native	Male	180	0
Confirmed	40-49	American Indian/Alaska Native	Male	179	0
Confirmed	50-59	American Indian/Alaska Native	Male	166	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	126	16
Confirmed	70-79	American Indian/Alaska Native	Male	70	13
Confirmed	80+	American Indian/Alaska Native	Male	23	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	150	0
Confirmed	10-19	Asian/Pacific Islander	Male	323	0
Confirmed	20-29	Asian/Pacific Islander	Male	847	0
Confirmed	30-39	Asian/Pacific Islander	Male	658	0
Confirmed	40-49	Asian/Pacific Islander	Male	528	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	513	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	318	18
Confirmed	70-79	Asian/Pacific Islander	Male	143	27
Confirmed	80+	Asian/Pacific Islander	Male	75	20
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	678	0
Confirmed	10-19	Black/African American	Male	1603	Suppressed
Confirmed	20-29	Black/African American	Male	5481	13
Confirmed	30-39	Black/African American	Male	5434	31
Confirmed	40-49	Black/African American	Male	5046	91
Confirmed	50-59	Black/African American	Male	4799	232
Confirmed	60-69	Black/African American	Male	3735	411

Confirmed	70-79	Black/African American	Male	2013	501
Confirmed	80+	Black/African American	Male	893	376
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	382	Suppressed
Confirmed	10-19	Multiple Races	Male	1194	0
Confirmed	20-29	Multiple Races	Male	1675	Suppressed
Confirmed	30-39	Multiple Races	Male	1195	Suppressed
Confirmed	40-49	Multiple Races	Male	1226	Suppressed
Confirmed	50-59	Multiple Races	Male	1298	9
Confirmed	60-69	Multiple Races	Male	1134	28
Confirmed	70-79	Multiple Races	Male	618	26
Confirmed	80+	Multiple Races	Male	274	43
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	620	0
Confirmed	10-19	Other	Male	1638	0
Confirmed	20-29	Other	Male	3212	Suppressed
Confirmed	30-39	Other	Male	2521	Suppressed
Confirmed	40-49	Other	Male	2360	12
Confirmed	50-59	Other	Male	1970	20
Confirmed	60-69	Other	Male	1165	56
Confirmed	70-79	Other	Male	547	45
Confirmed	80+	Other	Male	244	45
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	1096	0
Confirmed	10-19	Unknown	Male	3914	0
Confirmed	20-29	Unknown	Male	9932	0
Confirmed	30-39	Unknown	Male	8277	6
Confirmed	40-49	Unknown	Male	7564	18
Confirmed	50-59	Unknown	Male	8352	22
Confirmed	60-69	Unknown	Male	5176	69
Confirmed	70-79	Unknown	Male	2196	110
Confirmed	80+	Unknown	Male	1101	116
Confirmed	Unknown	Unknown	Male	104	0
Confirmed	0-9	White	Male	3673	0
Confirmed	10-19	White	Male	12302	0
Confirmed	20-29	White	Male	22479	13
Confirmed	30-39	White	Male	18087	24
Confirmed	40-49	White	Male	17858	75
Confirmed	50-59	White	Male	20781	261
Confirmed	60-69	White	Male	17749	643
Confirmed	70-79	White	Male	11442	1274
Confirmed	80+	White	Male	6862	1936
Confirmed	Unknown	White	Male	57	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	Suppressed	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	8	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	11	0
Confirmed	20-29	Black/African American	Unknown	67	0
Confirmed	30-39	Black/African American	Unknown	57	0
Confirmed	40-49	Black/African American	Unknown	61	0
Confirmed	50-59	Black/African American	Unknown	58	0
Confirmed	60-69	Black/African American	Unknown	32	0
Confirmed	70-79	Black/African American	Unknown	10	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	Suppressed	0
Confirmed	10-19	Multiple Races	Unknown	8	0
Confirmed	20-29	Multiple Races	Unknown	14	0
Confirmed	30-39	Multiple Races	Unknown	11	0
Confirmed	40-49	Multiple Races	Unknown	12	0
Confirmed	50-59	Multiple Races	Unknown	7	0
Confirmed	60-69	Multiple Races	Unknown	11	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	7	0
Confirmed	20-29	Other	Unknown	15	0
Confirmed	30-39	Other	Unknown	16	0
Confirmed	40-49	Other	Unknown	17	0
Confirmed	50-59	Other	Unknown	11	0
Confirmed	60-69	Other	Unknown	10	0
Confirmed	70-79	Other	Unknown	Suppressed	0
Confirmed	80+	Other	Unknown	6	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	36	0
Confirmed	10-19	Unknown	Unknown	116	0
Confirmed	20-29	Unknown	Unknown	301	0
Confirmed	30-39	Unknown	Unknown	186	0
Confirmed	40-49	Unknown	Unknown	233	0
Confirmed	50-59	Unknown	Unknown	215	0
Confirmed	60-69	Unknown	Unknown	108	Suppressed

Confirmed	70-79	Unknown	Unknown	50	Suppressed
Confirmed	80+	Unknown	Unknown	50	Suppressed
Confirmed	Unknown	Unknown	Unknown	43	0
Confirmed	0-9	White	Unknown	8	0
Confirmed	10-19	White	Unknown	65	0
Confirmed	20-29	White	Unknown	114	0
Confirmed	30-39	White	Unknown	116	0
Confirmed	40-49	White	Unknown	114	0
Confirmed	50-59	White	Unknown	106	0
Confirmed	60-69	White	Unknown	93	0
Confirmed	70-79	White	Unknown	50	0
Confirmed	80+	White	Unknown	21	Suppressed
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	15	0
Probable	10-19	American Indian/Alaska Native	Female	29	0
Probable	20-29	American Indian/Alaska Native	Female	43	0
Probable	30-39	American Indian/Alaska Native	Female	23	0
Probable	40-49	American Indian/Alaska Native	Female	28	0
Probable	50-59	American Indian/Alaska Native	Female	20	0
Probable	60-69	American Indian/Alaska Native	Female	18	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	Suppressed	0
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	13	0
Probable	10-19	Asian/Pacific Islander	Female	25	0
Probable	20-29	Asian/Pacific Islander	Female	60	0
Probable	30-39	Asian/Pacific Islander	Female	39	0
Probable	40-49	Asian/Pacific Islander	Female	31	0
Probable	50-59	Asian/Pacific Islander	Female	29	0
Probable	60-69	Asian/Pacific Islander	Female	16	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	8	0
Probable	80+	Asian/Pacific Islander	Female	Suppressed	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	58	0
Probable	10-19	Black/African American	Female	103	0
Probable	20-29	Black/African American	Female	263	0
Probable	30-39	Black/African American	Female	238	0
Probable	40-49	Black/African American	Female	223	Suppressed
Probable	50-59	Black/African American	Female	234	10
Probable	60-69	Black/African American	Female	173	12
Probable	70-79	Black/African American	Female	77	15
Probable	80+	Black/African American	Female	54	28
Probable	Unknown	Black/African American	Female	15	0
Probable	0-9	Multiple Races	Female	55	0
Probable	10-19	Multiple Races	Female	103	0
Probable	20-29	Multiple Races	Female	125	0
Probable	30-39	Multiple Races	Female	74	0
Probable	40-49	Multiple Races	Female	92	0
Probable	50-59	Multiple Races	Female	97	0
Probable	60-69	Multiple Races	Female	72	0

Probable	70-79	Multiple Races	Female	33	0
Probable	80+	Multiple Races	Female	20	Suppressed
Probable	Unknown	Multiple Races	Female	27	0
Probable	0-9	Other	Female	47	0
Probable	10-19	Other	Female	102	0
Probable	20-29	Other	Female	144	0
Probable	30-39	Other	Female	108	0
Probable	40-49	Other	Female	112	0
Probable	50-59	Other	Female	64	Suppressed
Probable	60-69	Other	Female	39	Suppressed
Probable	70-79	Other	Female	21	0
Probable	80+	Other	Female	7	Suppressed
Probable	Unknown	Other	Female	12	0
Probable	0-9	Unknown	Female	165	0
Probable	10-19	Unknown	Female	581	0
Probable	20-29	Unknown	Female	1227	0
Probable	30-39	Unknown	Female	845	0
Probable	40-49	Unknown	Female	922	0
Probable	50-59	Unknown	Female	955	Suppressed
Probable	60-69	Unknown	Female	686	Suppressed
Probable	70-79	Unknown	Female	287	Suppressed
Probable	80+	Unknown	Female	184	20
Probable	Unknown	Unknown	Female	856	0
Probable	0-9	White	Female	581	0
Probable	10-19	White	Female	1347	Suppressed
Probable	20-29	White	Female	1807	0
Probable	30-39	White	Female	1327	0
Probable	40-49	White	Female	1398	Suppressed
Probable	50-59	White	Female	1466	11
Probable	60-69	White	Female	980	20
Probable	70-79	White	Female	589	46
Probable	80+	White	Female	789	154
Probable	Unknown	White	Female	231	0
Probable	0-9	American Indian/Alaska Native	Male	13	0
Probable	10-19	American Indian/Alaska Native	Male	30	0
Probable	20-29	American Indian/Alaska Native	Male	32	0
Probable	30-39	American Indian/Alaska Native	Male	26	0
Probable	40-49	American Indian/Alaska Native	Male	25	0
Probable	50-59	American Indian/Alaska Native	Male	23	0
Probable	60-69	American Indian/Alaska Native	Male	12	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	6	Suppressed
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	21	0
Probable	10-19	Asian/Pacific Islander	Male	19	0
Probable	20-29	Asian/Pacific Islander	Male	50	0
Probable	30-39	Asian/Pacific Islander	Male	40	0
Probable	40-49	Asian/Pacific Islander	Male	30	0
Probable	50-59	Asian/Pacific Islander	Male	22	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	8	0

Probable	70-79	Asian/Pacific Islander	Male	6	Suppressed
Probable	80+	Asian/Pacific Islander	Male	Suppressed	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	51	0
Probable	10-19	Black/African American	Male	104	Suppressed
Probable	20-29	Black/African American	Male	258	0
Probable	30-39	Black/African American	Male	236	0
Probable	40-49	Black/African American	Male	194	8
Probable	50-59	Black/African American	Male	212	9
Probable	60-69	Black/African American	Male	161	22
Probable	70-79	Black/African American	Male	65	27
Probable	80+	Black/African American	Male	31	17
Probable	Unknown	Black/African American	Male	11	0
Probable	0-9	Multiple Races	Male	50	0
Probable	10-19	Multiple Races	Male	108	0
Probable	20-29	Multiple Races	Male	111	0
Probable	30-39	Multiple Races	Male	64	0
Probable	40-49	Multiple Races	Male	84	Suppressed
Probable	50-59	Multiple Races	Male	66	0
Probable	60-69	Multiple Races	Male	54	0
Probable	70-79	Multiple Races	Male	25	0
Probable	80+	Multiple Races	Male	7	Suppressed
Probable	Unknown	Multiple Races	Male	36	0
Probable	0-9	Other	Male	41	0
Probable	10-19	Other	Male	104	0
Probable	20-29	Other	Male	139	0
Probable	30-39	Other	Male	121	0
Probable	40-49	Other	Male	116	0
Probable	50-59	Other	Male	68	0
Probable	60-69	Other	Male	45	Suppressed
Probable	70-79	Other	Male	19	Suppressed
Probable	80+	Other	Male	Suppressed	Suppressed
Probable	Unknown	Other	Male	11	0
Probable	0-9	Unknown	Male	189	0
Probable	10-19	Unknown	Male	568	0
Probable	20-29	Unknown	Male	1062	0
Probable	30-39	Unknown	Male	819	Suppressed
Probable	40-49	Unknown	Male	744	Suppressed
Probable	50-59	Unknown	Male	788	0
Probable	60-69	Unknown	Male	514	Suppressed
Probable	70-79	Unknown	Male	218	6
Probable	80+	Unknown	Male	119	17
Probable	Unknown	Unknown	Male	696	0
Probable	0-9	White	Male	578	0
Probable	10-19	White	Male	1141	0
Probable	20-29	White	Male	1519	Suppressed
Probable	30-39	White	Male	1098	Suppressed
Probable	40-49	White	Male	1086	Suppressed
Probable	50-59	White	Male	1234	12
Probable	60-69	White	Male	871	34

Probable	70-79	White	Male	527	50
Probable	80+	White	Male	411	106
Probable	Unknown	White	Male	187	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	Suppressed	0
Probable	10-19	Black/African American	Unknown	Suppressed	0
Probable	20-29	Black/African American	Unknown	Suppressed	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	Suppressed	0
Probable	50-59	Black/African American	Unknown	Suppressed	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	8	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	8	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	Suppressed	0
Probable	30-39	Other	Unknown	Suppressed	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	0	0
Probable	0-9	Unknown	Unknown	47	0
Probable	10-19	Unknown	Unknown	116	0
Probable	20-29	Unknown	Unknown	270	0
Probable	30-39	Unknown	Unknown	201	0
Probable	40-49	Unknown	Unknown	226	0
Probable	50-59	Unknown	Unknown	206	0
Probable	60-69	Unknown	Unknown	141	0
Probable	70-79	Unknown	Unknown	65	Suppressed
Probable	80+	Unknown	Unknown	24	0
Probable	Unknown	Unknown	Unknown	1187	0
Probable	0-9	White	Unknown	13	0
Probable	10-19	White	Unknown	28	0
Probable	20-29	White	Unknown	17	0
Probable	30-39	White	Unknown	13	0
Probable	40-49	White	Unknown	23	0
Probable	50-59	White	Unknown	22	0
Probable	60-69	White	Unknown	6	Suppressed
Probable	70-79	White	Unknown	8	0
Probable	80+	White	Unknown	Suppressed	0
Probable	Unknown	White	Unknown	25	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-12-30

Updated	COUNTY	TestType	Count	RatePerMillion
2020/12/30 14:23:28	Alcona	Serology	102	9803
2020/12/30 14:23:28	Alcona	Diagnostic	4296	412878
2020/12/30 14:23:28	Alcona	Total	4398	422681
2020/12/30 14:23:28	Alger	Serology	308	33816
2020/12/30 14:23:28	Alger	Diagnostic	4860	533597
2020/12/30 14:23:28	Alger	Total	5168	567413
2020/12/30 14:23:28	Allegan	Serology	1960	16599
2020/12/30 14:23:28	Allegan	Diagnostic	76983	651951
2020/12/30 14:23:28	Allegan	Total	78943	668550
2020/12/30 14:23:28	Alpena	Diagnostic	10705	376870
2020/12/30 14:23:28	Alpena	Serology	465	16370
2020/12/30 14:23:28	Alpena	Total	11170	393241
2020/12/30 14:23:28	Antrim	Diagnostic	13242	567741
2020/12/30 14:23:28	Antrim	Serology	452	19379
2020/12/30 14:23:28	Antrim	Total	13694	587121
2020/12/30 14:23:28	Arenac	Serology	304	20426
2020/12/30 14:23:28	Arenac	Diagnostic	9406	631996
2020/12/30 14:23:28	Arenac	Total	9710	652422
2020/12/30 14:23:28	Baraga	Diagnostic	5534	674138
2020/12/30 14:23:28	Baraga	Serology	52	6335
2020/12/30 14:23:28	Baraga	Total	5586	680473
2020/12/30 14:23:28	Barry	Serology	1381	22437
2020/12/30 14:23:28	Barry	Diagnostic	36060	585865
2020/12/30 14:23:28	Barry	Total	37441	608302
2020/12/30 14:23:28	Bay	Diagnostic	80830	783798
2020/12/30 14:23:28	Bay	Serology	4436	43015
2020/12/30 14:23:28	Bay	Total	85266	826814
2020/12/30 14:23:28	Benzie	Diagnostic	8739	491895
2020/12/30 14:23:28	Benzie	Serology	449	25273
2020/12/30 14:23:28	Benzie	Total	9188	517168
2020/12/30 14:23:28	Berrien	Serology	4028	26258
2020/12/30 14:23:28	Berrien	Diagnostic	155621	1014472
2020/12/30 14:23:28	Berrien	Total	159649	1040730
2020/12/30 14:23:28	Branch	Diagnostic	25853	594090
2020/12/30 14:23:28	Branch	Serology	305	7009
2020/12/30 14:23:28	Branch	Total	26158	601098
2020/12/30 14:23:28	Calhoun	Diagnostic	131813	982513
2020/12/30 14:23:28	Calhoun	Serology	1348	10048
2020/12/30 14:23:28	Calhoun	Total	133161	992561
2020/12/30 14:23:28	Cass	Diagnostic	26390	509587
2020/12/30 14:23:28	Cass	Serology	480	9269
2020/12/30 14:23:28	Cass	Total	26870	518856
2020/12/30 14:23:28	Charlevoix	Diagnostic	14771	565008
2020/12/30 14:23:28	Charlevoix	Serology	778	29759
2020/12/30 14:23:28	Charlevoix	Total	15549	594767
2020/12/30 14:23:28	Cheboygan	Diagnostic	9508	376167
2020/12/30 14:23:28	Cheboygan	Serology	405	16023

2020/12/30 14:23:28	Cheboygan	Total	9913	392190
2020/12/30 14:23:28	Chippewa	Diagnostic	14327	383598
2020/12/30 14:23:28	Chippewa	Serology	222	5944
2020/12/30 14:23:28	Chippewa	Total	14549	389542
2020/12/30 14:23:28	Clare	Serology	687	22197
2020/12/30 14:23:28	Clare	Diagnostic	12214	394637
2020/12/30 14:23:28	Clare	Total	12901	416834
2020/12/30 14:23:28	Clinton	Diagnostic	39886	501112
2020/12/30 14:23:28	Clinton	Serology	3197	40166
2020/12/30 14:23:28	Clinton	Total	43083	541278
2020/12/30 14:23:28	Correctional	Serology	14584	
2020/12/30 14:23:28	Correctional	Diagnostic	438205	
2020/12/30 14:23:28	Correctional	Total	452789	
2020/12/30 14:23:28	Crawford	Diagnostic	6765	482215
2020/12/30 14:23:28	Crawford	Serology	207	14755
2020/12/30 14:23:28	Crawford	Total	6972	496971
2020/12/30 14:23:28	Delta	Diagnostic	28034	783423
2020/12/30 14:23:28	Delta	Serology	538	15035
2020/12/30 14:23:28	Delta	Total	28572	798457
2020/12/30 14:23:28	Detroit City	Diagnostic	511114	786566
2020/12/30 14:23:28	Detroit City	Serology	19597	30158
2020/12/30 14:23:28	Detroit City	Total	530711	816725
2020/12/30 14:23:28	Dickinson	Diagnostic	12186	482824
2020/12/30 14:23:28	Dickinson	Serology	105	4160
2020/12/30 14:23:28	Dickinson	Total	12291	486984
2020/12/30 14:23:28	Eaton	Serology	4949	44882
2020/12/30 14:23:28	Eaton	Diagnostic	80224	727537
2020/12/30 14:23:28	Eaton	Total	85173	772418
2020/12/30 14:23:28	Emmet	Serology	1191	35643
2020/12/30 14:23:28	Emmet	Diagnostic	20230	605417
2020/12/30 14:23:28	Emmet	Total	21421	641059
2020/12/30 14:23:28	Genesee	Diagnostic	246053	606321
2020/12/30 14:23:28	Genesee	Serology	15116	37249
2020/12/30 14:23:28	Genesee	Total	261169	643570
2020/12/30 14:23:28	Gladwin	Diagnostic	10932	429565
2020/12/30 14:23:28	Gladwin	Serology	693	27231
2020/12/30 14:23:28	Gladwin	Total	11625	456796
2020/12/30 14:23:28	Gogebic	Diagnostic	14177	1014454
2020/12/30 14:23:28	Gogebic	Serology	202	14454
2020/12/30 14:23:28	Gogebic	Total	14379	1028909
2020/12/30 14:23:28	Grand Traverse	Diagnostic	56198	603708
2020/12/30 14:23:28	Grand Traverse	Serology	3881	41692
2020/12/30 14:23:28	Grand Traverse	Total	60079	645400
2020/12/30 14:23:28	Gratiot	Diagnostic	36530	897300
2020/12/30 14:23:28	Gratiot	Serology	816	20044
2020/12/30 14:23:28	Gratiot	Total	37346	917344
2020/12/30 14:23:28	Hillsdale	Diagnostic	29284	642123
2020/12/30 14:23:28	Hillsdale	Serology	678	14867
2020/12/30 14:23:28	Hillsdale	Total	29962	656989
2020/12/30 14:23:28	Houghton	Diagnostic	29993	840517

2020/12/30 14:23:28	Houghton	Serology	226	6333
2020/12/30 14:23:28	Houghton	Total	30219	846850
2020/12/30 14:23:28	Huron	Diagnostic	22215	717052
2020/12/30 14:23:28	Huron	Serology	467	15074
2020/12/30 14:23:28	Huron	Total	22682	732126
2020/12/30 14:23:28	Ingham	Diagnostic	224371	767327
2020/12/30 14:23:28	Ingham	Serology	16628	56866
2020/12/30 14:23:28	Ingham	Total	240999	824193
2020/12/30 14:23:28	Ionia	Serology	1718	26555
2020/12/30 14:23:28	Ionia	Diagnostic	50374	778614
2020/12/30 14:23:28	Ionia	Total	52092	805169
2020/12/30 14:23:28	Iosco	Diagnostic	16279	647869
2020/12/30 14:23:28	Iosco	Serology	334	13292
2020/12/30 14:23:28	Iosco	Total	16613	661161
2020/12/30 14:23:28	Iron	Diagnostic	17279	1561449
2020/12/30 14:23:28	Iron	Serology	97	8766
2020/12/30 14:23:28	Iron	Total	17376	1570215
2020/12/30 14:23:28	Isabella	Diagnostic	33977	486275
2020/12/30 14:23:28	Isabella	Serology	954	13654
2020/12/30 14:23:28	Isabella	Total	34931	499928
2020/12/30 14:23:28	Jackson	Serology	2451	15463
2020/12/30 14:23:28	Jackson	Diagnostic	139103	877566
2020/12/30 14:23:28	Jackson	Total	141554	893029
2020/12/30 14:23:28	Kalamazoo	Diagnostic	199960	754378
2020/12/30 14:23:28	Kalamazoo	Serology	5290	19957
2020/12/30 14:23:28	Kalamazoo	Total	205250	774335
2020/12/30 14:23:28	Kalkaska	Diagnostic	12012	665927
2020/12/30 14:23:28	Kalkaska	Serology	445	24670
2020/12/30 14:23:28	Kalkaska	Total	12457	690598
2020/12/30 14:23:28	Kent	Serology	32264	49111
2020/12/30 14:23:28	Kent	Diagnostic	584842	890231
2020/12/30 14:23:28	Kent	Total	617106	939343
2020/12/30 14:23:28	Keweenaw	Diagnostic	1390	656900
2020/12/30 14:23:28	Keweenaw	Serology	26	12287
2020/12/30 14:23:28	Keweenaw	Total	1416	669187
2020/12/30 14:23:28	Lake	Diagnostic	7259	612419
2020/12/30 14:23:28	Lake	Serology	157	13246
2020/12/30 14:23:28	Lake	Total	7416	625664
2020/12/30 14:23:28	Lapeer	Diagnostic	42610	486377
2020/12/30 14:23:28	Lapeer	Serology	2382	27190
2020/12/30 14:23:28	Lapeer	Total	44992	513566
2020/12/30 14:23:28	Leelanau	Diagnostic	8758	402463
2020/12/30 14:23:28	Leelanau	Serology	583	26791
2020/12/30 14:23:28	Leelanau	Total	9341	429254
2020/12/30 14:23:28	Lenawee	Serology	1408	14302
2020/12/30 14:23:28	Lenawee	Diagnostic	73320	744736
2020/12/30 14:23:28	Lenawee	Total	74728	759037
2020/12/30 14:23:28	Livingston	Serology	6248	32543
2020/12/30 14:23:28	Livingston	Diagnostic	128915	671450
2020/12/30 14:23:28	Livingston	Total	135163	703992

2020/12/30 14:23:28	Luce	Diagnostic	3862	620003
2020/12/30 14:23:28	Luce	Serology	35	5619
2020/12/30 14:23:28	Luce	Total	3897	625622
2020/12/30 14:23:28	Mackinac	Diagnostic	5431	502917
2020/12/30 14:23:28	Mackinac	Serology	91	8427
2020/12/30 14:23:28	Mackinac	Total	5522	511344
2020/12/30 14:23:28	Macomb	Diagnostic	557106	637441
2020/12/30 14:23:28	Macomb	Serology	41800	47828
2020/12/30 14:23:28	Macomb	Total	598906	685269
2020/12/30 14:23:28	Manistee	Serology	630	25654
2020/12/30 14:23:28	Manistee	Diagnostic	11959	486970
2020/12/30 14:23:28	Manistee	Total	12589	512623
2020/12/30 14:23:28	Marquette	Diagnostic	82248	1233122
2020/12/30 14:23:28	Marquette	Serology	1122	16822
2020/12/30 14:23:28	Marquette	Total	83370	1249944
2020/12/30 14:23:28	Mason	Diagnostic	21874	750549
2020/12/30 14:23:28	Mason	Serology	735	25220
2020/12/30 14:23:28	Mason	Total	22609	775769
2020/12/30 14:23:28	Mecosta	Diagnostic	26341	606195
2020/12/30 14:23:28	Mecosta	Serology	695	15994
2020/12/30 14:23:28	Mecosta	Total	27036	622189
2020/12/30 14:23:28	Menominee	Diagnostic	15500	680421
2020/12/30 14:23:28	Menominee	Serology	82	3600
2020/12/30 14:23:28	Menominee	Total	15582	684021
2020/12/30 14:23:28	Midland	Diagnostic	36528	439271
2020/12/30 14:23:28	Midland	Serology	4526	54428
2020/12/30 14:23:28	Midland	Total	41054	493699
2020/12/30 14:23:28	Missaukee	Diagnostic	6739	445760
2020/12/30 14:23:28	Missaukee	Serology	330	21828
2020/12/30 14:23:28	Missaukee	Total	7069	467588
2020/12/30 14:23:28	Monroe	Diagnostic	97554	648199
2020/12/30 14:23:28	Monroe	Serology	3884	25807
2020/12/30 14:23:28	Monroe	Total	101438	674007
2020/12/30 14:23:28	Montcalm	Diagnostic	50889	796535
2020/12/30 14:23:28	Montcalm	Serology	1715	26844
2020/12/30 14:23:28	Montcalm	Total	52604	823378
2020/12/30 14:23:28	Montmorency	Diagnostic	4277	458512
2020/12/30 14:23:28	Montmorency	Serology	233	24979
2020/12/30 14:23:28	Montmorency	Total	4510	483491
2020/12/30 14:23:28	Muskegon	Diagnostic	145267	836955
2020/12/30 14:23:28	Muskegon	Serology	2631	15158
2020/12/30 14:23:28	Muskegon	Total	147898	852114
2020/12/30 14:23:28	Newaygo	Diagnostic	29315	598510
2020/12/30 14:23:28	Newaygo	Serology	1184	24173
2020/12/30 14:23:28	Newaygo	Total	30499	622683
2020/12/30 14:23:28	Oakland	Serology	87962	69945
2020/12/30 14:23:28	Oakland	Diagnostic	882263	701554
2020/12/30 14:23:28	Oakland	Total	970225	771499
2020/12/30 14:23:28	Oceana	Diagnostic	24681	932520
2020/12/30 14:23:28	Oceana	Serology	610	23048

2020/12/30 14:23:28	Oceana	Total	25291	955567
2020/12/30 14:23:28	Ogemaw	Diagnostic	11349	540506
2020/12/30 14:23:28	Ogemaw	Serology	346	16479
2020/12/30 14:23:28	Ogemaw	Total	11695	556984
2020/12/30 14:23:28	Ontonagon	Serology	57	9965
2020/12/30 14:23:28	Ontonagon	Diagnostic	5688	994406
2020/12/30 14:23:28	Ontonagon	Total	5745	1004371
2020/12/30 14:23:28	Osceola	Serology	576	24552
2020/12/30 14:23:28	Osceola	Diagnostic	15844	675362
2020/12/30 14:23:28	Osceola	Total	16420	699915
2020/12/30 14:23:28	Oscoda	Diagnostic	3542	429802
2020/12/30 14:23:28	Oscoda	Serology	164	19900
2020/12/30 14:23:28	Oscoda	Total	3706	449703
2020/12/30 14:23:28	Otsego	Diagnostic	12350	500649
2020/12/30 14:23:28	Otsego	Serology	608	24647
2020/12/30 14:23:28	Otsego	Total	12958	525296
2020/12/30 14:23:28	Ottawa	Serology	9830	33684
2020/12/30 14:23:28	Ottawa	Diagnostic	248213	850540
2020/12/30 14:23:28	Ottawa	Total	258043	884224
2020/12/30 14:23:28	Presque Isle	Diagnostic	6827	542170
2020/12/30 14:23:28	Presque Isle	Serology	319	25334
2020/12/30 14:23:28	Presque Isle	Total	7146	567503
2020/12/30 14:23:28	Roscommon	Diagnostic	12421	517132
2020/12/30 14:23:28	Roscommon	Serology	491	20442
2020/12/30 14:23:28	Roscommon	Total	12912	537574
2020/12/30 14:23:28	Saginaw	Diagnostic	165003	865980
2020/12/30 14:23:28	Saginaw	Serology	5724	30041
2020/12/30 14:23:28	Saginaw	Total	170727	896021
2020/12/30 14:23:28	Sanilac	Diagnostic	31760	771436
2020/12/30 14:23:28	Sanilac	Serology	760	18460
2020/12/30 14:23:28	Sanilac	Total	32520	789896
2020/12/30 14:23:28	Schoolcraft	Diagnostic	4418	545836
2020/12/30 14:23:28	Schoolcraft	Serology	54	6672
2020/12/30 14:23:28	Schoolcraft	Total	4472	552508
2020/12/30 14:23:28	Shiawassee	Diagnostic	44090	647221
2020/12/30 14:23:28	Shiawassee	Serology	2046	30034
2020/12/30 14:23:28	Shiawassee	Total	46136	677256
2020/12/30 14:23:28	St Clair	Serology	5816	36549
2020/12/30 14:23:28	St Clair	Diagnostic	91597	575618
2020/12/30 14:23:28	St Clair	Total	97413	612168
2020/12/30 14:23:28	St Joseph	Diagnostic	38699	634784
2020/12/30 14:23:28	St Joseph	Serology	1188	19487
2020/12/30 14:23:28	St Joseph	Total	39887	654271
2020/12/30 14:23:28	Tuscola	Serology	1377	26357
2020/12/30 14:23:28	Tuscola	Diagnostic	42521	813877
2020/12/30 14:23:28	Tuscola	Total	43898	840234
2020/12/30 14:23:28	Unknown	Serology	20005	
2020/12/30 14:23:28	Unknown	Diagnostic	379163	
2020/12/30 14:23:28	Unknown	Total	399168	
2020/12/30 14:23:28	Van Buren	Diagnostic	65286	862693

2020/12/30 14:23:28	Van Buren	Serology	1218	16095
2020/12/30 14:23:28	Van Buren	Total	66504	878787
2020/12/30 14:23:28	Washtenaw	Serology	14192	38607
2020/12/30 14:23:28	Washtenaw	Diagnostic	352776	959671
2020/12/30 14:23:28	Washtenaw	Total	366968	998278
2020/12/30 14:23:28	Wayne	Diagnostic	887178	803740
2020/12/30 14:23:28	Wayne	Serology	58051	52591
2020/12/30 14:23:28	Wayne	Total	945229	856332
2020/12/30 14:23:28	Wexford	Serology	747	22212
2020/12/30 14:23:28	Wexford	Diagnostic	18567	552080
2020/12/30 14:23:28	Wexford	Total	19314	574292

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-12-30

MessageDate	COUNTY	Negative	Positive	Total
12/29/2020	Alcona	11	2	13
12/29/2020	Alger	10	1	11
12/29/2020	Allegan	380	42	422
12/29/2020	Alpena	117	5	122
12/29/2020	Antrim	19	2	21
12/29/2020	Arenac	35	5	40
12/29/2020	Baraga	39	1	40
12/29/2020	Barry	141	20	161
12/29/2020	Bay	521	64	585
12/29/2020	Benzie	21	3	24
12/29/2020	Berrien	1071	104	1175
12/29/2020	Branch	122	13	135
12/29/2020	Calhoun	558	31	589
12/29/2020	Cass	97	22	119
12/29/2020	Charlevoix	29	1	30
12/29/2020	Cheboygan	35	4	39
12/29/2020	Chippewa	64	4	68
12/29/2020	Clare	113	14	127
12/29/2020	Clinton	197	19	216
12/29/2020	Correctional	2576	78	2654
12/29/2020	Crawford	24	4	28
12/29/2020	Delta	94	12	106
12/29/2020	Detroit City	2061	139	2200
12/29/2020	Dickinson	120	14	134
12/29/2020	Eaton	456	52	508
12/29/2020	Emmet	48	1	49
12/29/2020	Genesee	1733	206	1939
12/29/2020	Gladwin	68	13	81
12/29/2020	Gogebic	54	2	56
12/29/2020	Grand Traverse	202	12	214
12/29/2020	Gratiot	194	11	205
12/29/2020	Hillsdale	152	54	206
12/29/2020	Houghton	164	10	174
12/29/2020	Huron	100	6	106
12/29/2020	Ingham	1355	125	1480
12/29/2020	Ionia	354	31	385
12/29/2020	Iosco	84	4	88
12/29/2020	Iron	48	3	51
12/29/2020	Isabella	132	15	147
12/29/2020	Jackson	624	82	706
12/29/2020	Kalamazoo	846	104	950
12/29/2020	Kalkaska	28	2	30
12/29/2020	Kent	2967	303	3270
12/29/2020	Keweenaw	9	0	9
12/29/2020	Lake	72	1	73
12/29/2020	Lapeer	227	34	261
12/29/2020	Leelanau	30	3	33

12/29/2020	Lenawee	807	75	882
12/29/2020	Livingston	583	95	678
12/29/2020	Luce	5	0	5
12/29/2020	Mackinac	19	1	20
12/29/2020	Macomb	2264	309	2573
12/29/2020	Manistee	31	5	36
12/29/2020	Marquette	578	15	593
12/29/2020	Mason	69	8	77
12/29/2020	Mecosta	91	18	109
12/29/2020	Menominee	157	13	170
12/29/2020	Midland	356	72	428
12/29/2020	Missaukee	32	9	41
12/29/2020	Monroe	481	47	528
12/29/2020	Montcalm	280	22	302
12/29/2020	Montmorency	10	0	10
12/29/2020	Muskegon	605	55	660
12/29/2020	Newaygo	170	14	184
12/29/2020	Oakland	5302	578	5880
12/29/2020	Oceana	59	18	77
12/29/2020	Ogemaw	48	10	58
12/29/2020	Ontonagon	4	0	4
12/29/2020	Osceola	87	8	95
12/29/2020	Oscoda	10	5	15
12/29/2020	Otsego	72	2	74
12/29/2020	Ottawa	1263	152	1415
12/29/2020	Presque Isle	47	5	52
12/29/2020	Roscommon	45	4	49
12/29/2020	Saginaw	650	84	734
12/29/2020	Sanilac	77	15	92
12/29/2020	Schoolcraft	9	0	9
12/29/2020	Shiawassee	287	37	324
12/29/2020	St Clair	405	43	448
12/29/2020	St Joseph	259	19	278
12/29/2020	Tuscola	123	36	159
12/29/2020	Unknown	2527	120	2647
12/29/2020	Van Buren	232	25	257
12/29/2020	Washtenaw	1731	173	1904
12/29/2020	Wayne	4274	598	4872
12/29/2020	Wexford	79	10	89